

# SPACE 2024

(Space, Aerospace and Defence Conference)



July 22-23, 2024

Sheraton Grand Bengaluru Whitefield Hotel & Convention Center

## CALL FOR PAPERS

Dear Researcher,

On behalf of the SPACE Organizing Committee, i take the opportunity to invite you to participate in this professionally enriching Technical Conference SPACE. SPACE is a premier interdisciplinary forum for space, aerospace, and defence experts, engineers, and researchers to come together to discuss the latest developments in designated technologies. The conference provides a platform for sharing cutting-edge research, exploring innovative approaches, and addressing the technical challenges facing the space, aerospace and defence industries. It is a well known fact that technologies used in Space, Aerospace and Defence can be used among these 3 domains with some improvement/modifications. The objective of SPACE is to create a platform where industry professionals and research scientists working across these. domains share, learn and collaborate. Scientists, Researchers and industry practitioners are encouraged to present their work and developments can be used across/at least in two of these domains. The conference covers all aspects of Space, Aerospace and Defence technologies (within IEEE's field of interest). The conference program includes keynote presentations, technical sessions, workshops, and panel discussions, all aimed at fostering collaboration and driving innovation in aerospace and defense. You are Invited to submit your original research work in any of the following 3 tracks, **which is most relevant to your work viz. : 1. Aerospace System Technologies, 2. Defence System Technologies, 3. Space System Technologies on following Topics (but not limited to)**

- Antenna/RF/Microwave/Payloads
- Communication/Networking
- Computing/Cyber security/IT/Software Engineering
- Mission Planning/Controls/Navigation/Guidance
- Embedded Systems/VLSI/RFIC/MMIC/Nanoelectronics
- EMI/EMC/ESD/HPM/Space Weather
- mm-wave/THz/5G/6G
- Power/Energy/Power Electronics
- Signal/Image/Data Processing
- Assembly, Integration & Testing/Checkout
- Robotics/ Automation / Sensors Electronics
- Ground Support Technologies
- Miniaturization technologies
- Technologies for Humanity
- Sustainable Technologies
- System Engineering
- Reliability/ Quality Assurance
- Photonics/ Electro-optics

### Special Sessions:

- AI/ML Technologies for SPACE
- Quantum Technologies for SPACE
- SDR Technologies for SPACE
- Women-led Technology Developments for SPACE

For Paper Submission and more details kindly visit: <http://www.ieeespace.org/paper-submission/index.php>

### Early Submission Advantage

| Advantage    | Last Date             |
|--------------|-----------------------|
| 10% Discount | <b>April 15, 2024</b> |

### Important Dates

| Deadline                      | Date                  |
|-------------------------------|-----------------------|
| Paper Submission start date   | April 1, 2024         |
| Last Date of Paper Submission | <b>April 30, 2024</b> |
| Notification of Acceptance    | May 31, 2024          |

### Awards

SPACE Best Paper Award(Academia & Industry)  
1<sup>st</sup> - ₹ 50,000, 2<sup>nd</sup> - ₹ 25,000, 3<sup>rd</sup> - ₹ 10,000



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